

288459US0XPCT.ST25
SEQUENCE LISTING

<110> Agou, Fabrice
Courtois, Gilles
Israel, Alain
Veron, Michel
Traincard, Francois
Yamaoka, Shoji
Baleux, Francoise
Coic, Yves-Marie

<120> SELECTIVE INHIBITION OF NK-KAPPAB ACTIVATION BY PEPTIDES DESIGNED
TO DISRUPT NEMO OLIGOMERIZATION

<130> 288459US0XPCT

<140> US 10/573,161

<141> 2006-03-23

<150> PCT/IB04/03352

<151> 2004-09-24

<150> US 60/505,161

<151> 2003-09-24

<150> US 60/530,418

<151> 2003-12-18

<160> 39

<170> PatentIn version 3.3

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Glu Glu Ala Glu Gln His Lys Ile Val
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Lys Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu
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Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Leu Gln Glu
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Gln Leu Glu Gln Leu Gln Arg Glu Phe Asn Lys Leu
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His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Leu Gln Glu Gln
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Cys Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
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Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu Tyr Ser Gln Glu
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Gln Leu Glu Gln Ser Gln Arg Glu Phe Asn Lys Leu
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Lys Lys Leu Val Gly Glu Arg
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Leu Gly Lys Pro Ala Met Leu His Leu Pro Ser Glu Gln Gly Thr Pro
35 40 45

Glu Thr Leu Gln Arg Cys Leu Glu Glu Asn Gln Glu Leu Arg Asp Ala
50 55 60

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Ile Arg Gln Ser Asn Gln Met Leu Arg Glu Arg Cys Glu Glu Leu Leu
 65 70 75 80

His Phe Gln Val Ser Gln Arg Glu Glu Lys Glu Phe Leu Met Cys Lys
 85 90 95

Phe Gln Glu Ala Arg Lys Leu Val Glu Arg Leu Ser Leu Glu Lys Leu
 100 105 110

Asp Leu Arg Ser Gln Arg Glu Gln Ala Leu Lys Glu Leu Glu Glu Leu
 115 120 125

Lys Lys Cys Gln Gln Gln Met Ala Glu Asp Lys Ala Ser Val Lys Ala
 130 135 140

Gln Val Thr Ser Leu Leu Gly Glu Leu Gln Glu Ser Gln Ser Arg Leu
 145 150 155 160

Glu Ala Ala Thr Lys Asp Arg Gln Ala Leu Glu Gly Arg Ile Arg Ala
 165 170 175

Val Ser Glu Gln Val Arg Gln Leu Glu Ser Glu Arg Glu Val Leu Gln
 180 185 190

Gln Gln His Ser Val Gln Val Asp Gln Leu Arg Met Gln Asn Gln Ser
 195 200 205

Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu Glu Lys
 210 215 220

Arg Lys Leu Ala Gln Leu Gln Ala Ala Tyr His Gln Leu Phe Gln Asp
 225 230 235 240

Tyr Asp Ser His Ile Lys Ser Ser Lys Gly Met Gln Leu Glu Asp Leu
 245 250 255

Arg Gln Gln Leu Gln Gln Ala Glu Glu Ala Leu Val Ala Lys Gln Glu
 260 265 270

Leu Ile Asp Lys Leu Lys Glu Glu Ala Glu Gln His Lys Ile Val Met
 275 280 285

Glu Thr Val Pro Val Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Asp
 290 295 300

Phe Gln Ala Glu Arg His Ala Arg Glu Lys Leu Val Glu Lys Lys Glu
 305 310 315 320

Tyr Leu Gln Glu Gln Leu Glu Gln Leu Gln Arg Glu Phe Asn Lys Leu
 325 330 335

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Lys Val Gly Cys His Glu Ser Ala Arg Ile Glu Asp Met Arg Lys Arg
340 345 350

His Val Glu Thr Pro Gln Pro Pro Leu Leu Pro Ala Pro Ala His His
355 360 365

Ser Phe His Leu Ala Leu Ser Asn Gln Arg Arg Ser Pro Pro Glu Glu
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Lys Ser Lys Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln
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Ala Glu Glu Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys
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Gln Leu Glu Gln Leu Gln Arg Glu Tyr Ser Lys Leu
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<210> 16
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20          25          30

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 Ile Arg Gln Ser Asn Gln Ile Leu Arg Glu Arg Cys Glu Glu Leu Leu
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 His Phe Gln Ala Ser Gln Arg Glu Glu Lys Glu Phe Leu Met Cys Lys
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 Phe Gln Glu Ala Arg Lys Leu Val Glu Arg Leu Gly Leu Glu Lys Leu
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 Asp Leu Lys Arg Gln Lys Glu Gln Ala Leu Arg Glu Val Glu His Leu
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 195 200 205
 Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu Glu Lys
 210 215 220
 Arg Lys Leu Ala Gln Leu Gln Val Ala Tyr His Gln Leu Phe Gln Glu
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 Trp Asp Asn His Ile Lys Ser Ser Val Val Gly Ser Glu Arg Lys Arg
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 Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln Ala Glu Glu
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 Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys Glu Glu Ala
 275 280 285
 Glu Gln His Lys Ile Val Met Glu Thr Val Pro Val Leu Lys Ala Gln
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Lys Leu Ala Glu Lys Lys Glu Leu Leu Gln Glu Gln Leu Glu Gln Leu
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Gln Arg Glu Tyr Ser Lys Leu Lys Ala Ser Cys Gln Glu Ser Ala Arg
340 345 350

Ile Glu Asp Met Arg Lys Arg His Val Glu Val Ser Gln Ala Pro Leu
355 360 365

Pro Pro Ala Pro Ala Tyr Leu Ser Ser Pro Leu Ala Leu Pro Ser Gln
370 375 380

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Glu Tyr Leu
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Glu Leu Leu
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Glu Phe Leu
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Glu Gln Leu
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35 40 45

Glu Gln Leu
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Gln Glu Leu
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Gln Glu Leu
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<210> 29
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<400> 29

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20 25 30
Tyr Glu Glu Asp Phe Lys Lys Glu Arg Ser Asp Arg Glu Arg Leu Asn
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His Ala Arg Glu Lys
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20 25 30

Arg His Ala Arg Glu Lys
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Ala Asp Ile Tyr Lys Ala Arg Phe Gln Ala Glu Arg His Ala Arg Glu
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Lys

<210> 33
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<210> 34
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Gln Ala Arg Glu Lys
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<210> 36
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Cys Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys
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Lys Leu Lys Ala Gln Ala Asp Ile Tyr Lys Ala Arg Phe Gln Ala Glu

 20 25 30

Arg Gln Ala Arg Glu Lys

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<210> 37
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Cys Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg Leu Lys Ala Gln

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Ala Asp Ile Tyr Lys Ala Arg Phe Gln Ala Glu Arg Gln Ala Arg Glu

 20 25 30

Lys

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